

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,944,313 B1  
APPLICATION NO. : 09/348502  
DATED : September 13, 2005  
INVENTOR(S) : Ioana Donescu

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE

- (Item 56), References Cited, OTHER PUBLICATIONS, second entry, "Mathod" should read --Method--.
- (Item 56), References Cited, OTHER PUBLICATIONS, fourth entry, "J. J K. O Ruanaidhn" should read --J.J.K. O Ruanaidhn--.
- (Item 56), References Cited, OTHER PUBLICATIONS, fifth entry, "pp. 548-551" should read --pp. 548-551,--.
- (Item 56), References Cited, OTHER PUBLICATIONS, seventh entry, "congress" should read --Congress--.

SHEETS OF DRAWING FIGURES

- Sheet 1, Figure 1, "Encodeur" should read --Encoder--.
- Sheet 5, Figure 6, "Level 1detail" should read --Level 1 detail--.
- Sheet 6, Figure 7, "component  $I_{ij}$ " should read --component  $I_{ij}$ --, and " $I'_{ij}=I_{ij}+\alpha w_k$ " should read -- $I'_{ij}=I_{ij}+\alpha w_k$ --.
- Sheet 7, Figure 8, "E3" should read --E32--, and " $I'_{ij}=I_{ij}+\alpha w_k$ " should read  $\frac{2}{2}$  -- $I'_{ij}=I_{ij}+\alpha w_k$ --.
- Sheet 8, Figure 9, "breadkown" should read --breakdown--.
- Sheet 9, Figure 10, " $(I'_{ij}-I_{ij})$ " should read -- $(I'_{ij}-I_{ij})$ --; "E1" should read --E11--; and  $\frac{1}{1}$  " $I_{ij}/I'_{ij}$ " should read -- $I_{ij}/I'_{ij}$ --.
- Sheet 10, Figure 11, " $(I'_{ij}-I_{ij})$ " should read -- $(I'_{ij}-I_{ij})$ --; "sequence W" (first occurrence) should read --sequence W\*--; and " $I_{ij}/I'_{ij}$ " should read -- $I_{ij}/I'_{ij}$ --.
- Sheet 11, Figure 12, "calculatio" should read --calculation n of  $\alpha$ --.
- Sheet 12, Figure 13, "Pseudo-random" should read --Pseudo-random--.

COLUMN 5

Line 22, "a means" should read --means--.

COLUMN 6

Line 67, "data." should read --data;--.

COLUMN 9

Line 14, "consist" should read --consists--.

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COLUMN 15

Line 6, "interval]0,1]" should read --interval [0,1]--.

COLUMN 17

Line 21, "wk" should read --w<sub>k</sub>--.

COLUMN 19

Line 30, " $w_k^* = \frac{1}{\sigma}(\Gamma_i^* - l_i)$ " should read --  $w_k^* = \frac{1}{\sigma}(\Gamma_i^* - l_i)$  --.

COLUMN 20

Line 53, " $(N/2^d \times N/2^d)/2$ " should read -- $(N/2_d \times N/2_d)/2$ .

Line 63, "interval ]0,1]." should read --interval [0,1].--.

COLUMN 22

Line 48, "wk" should read --w<sub>k</sub>--.

COLUMN 23

Line 65, "step E111," should read --step E111,--.

COLUMN 24

Line 31, " $w_{k*} = \frac{1}{\alpha} \left( \frac{X'_{k*} - X_k}{X_k} \right)$ " should read --  $w_k^* = \frac{1}{\alpha} \left( \frac{X'_k - X_k}{X_k} \right)$  --, and

Line 50, "wk" should read --w<sub>k</sub>--.

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COLUMN 28

Line 28, "of" should read --of:--.

Signed and Sealed this

Third Day of June, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*